

## ABSTRACT OF THE DISCLOSURE

A diffractive optical element includes a first diffractive element and a second diffractive element that is made of a material 5 different from that of the first diffractive element and is cemented with the first diffractive element, forming a diffraction grating at the cemented surface. A shade film is formed on a wall surface of each groove of the diffraction grating to enhance the angular characteristic of the grating.

10